BRUHAT BANGALORE MAHANAGARA PALIKE
Yelahanka Division, Yelahanka Zone

Executive Engineer
Yelahanka Division
B.B.M.P. Bengaluru -64
NO:BBMP/EE/YNK.D/EPMT-02/2020-21 Dt:06-5-2020

MODIFIED SCHEDULE -'B'

NAME OF WORK:- Construction of Drains and Culverts at A Sector, B Sector and Mathrulayout in Ward no:04

Sl	Description	Unit	Approved Qty	Rate quoted by the Contractor approved Rates Sri G VENKATE GOWDA	
				Rate	Rate In Words
1	Removing and refixing stone slabs of drains and pointing in CM (1:3) (P.No-27,I No-5.33)	0.00	0.00	0.00	0
2	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (P.No-143, I.No-19.1)				
	Qty Upto 125%	Cum	2846.31	225.40	Rupees Two Hundred Twenty Five and Forty Paise Only
3	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222,I No-27.18)				
	Qty Upto 125%	Cum	712.44	5676.70	Rupees Five Thousand Six Hundred Seventy Six and Seventy Paise Only
	Qty Above 125%	Cum	48.32	5584.01	Rupees Five Thousand Five Hundred Eighty Four and One Paise Only

Sl	Description	Unit	Approved Qty	Rate quoted by the Contractor approved Rates Sri G VENKATE GOWDA	
				Rate	Rate In Words
4	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete execluding cost of steel as per MORTH specification no. 1500, 1700, 2200 including cost of material labour HOM complete as per specification. (P.No.271, I.No.37.59.2 of PW,	Cum	841.38	7401.50	Rupees Seven Thousand Four Hundred One and Fifty Paise Only
5	KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.MORTH Specification No. 1600 & 2200 for TMT bars Fe 500. (P.No.239, I.No.29.29.2 of PW, P&IWTD S.R 2018-19)				
	Qty Upto 125%	Tonne	54.81	77469.00	Rupees Seventy Seven Thousand Four Hundred Sixty Nine Only
6	Providing and fixing RCC precast cover slab of 100mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	Sqm	1795.68	2349.00	Rupees Two Thousand Three Hundred Forty Nine Only
7	Providing and fixing RCC precast cover slab of 250mm thick made out of CC 1:2:4 and jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	Sqm	7.92	29.00	Rupees Twenty Nine Only
8	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc.,complete. As per the direction of Engineer incharge. (P.No.27, I.No.5.30 of PW, P&IWTD SR 2018-19)	Nos	2271.00	453.00	Rupees Four Hundred Fifty Three Only

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9	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 Specification No. KSRRB M800-6. (P.No.180, I.No.24.1 of PW, P&IWTD SR 2018-19)	Sqm	306.57	89.00	Rupees Eighty Nine Only
10	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to(P.No-176,I No-22.6.1)	Cum	272.63	5676.00	Rupees Five Thousand Six Hundred Seventy Six Only
11	Providing and laying reinforced cement concrete pipe NP2 for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of materials, labour, HOM complete as per specifications, curing complete as per specifications. Specifications. No. KSRB 1000, 2300 (600mm dia)(I No-34.7.5,P No-255)	m	0.00	0.00	0
12	Filling in foundation with granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications. (Material Rates Pg No. II)				
	a) 40mm Jelly				
13	b) 20mm Jelly	Cum	0.00	0.00	0
14	c) Coarse sand	Cum	0.00	0.00	0
15	d) Fine Sand	Cum	0.00	0.00	0
		Cum	0.00	0.00	0

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E1	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specification and as per the directions of the Engineer-in-charge of the work.	Cum	255.36	1061.23	Rupees One Thousand Sixty One and Twenty Two Paise Only
E2	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	275.90	124.56	Rupees One Hundred Twenty Four and Fifty Five Paise Only
E3	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	1817.52	6.55	Rupees Six and Fifty Five Paise Only
E4	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	40.35	2054.57	Rupees Two Thousand Fifty Four and Fifty Six Paise Only

Signature of the Contractor

Executive Engineer
Yelahanka Division
BBMP, Bengaluru-64

Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka, Division